



FEMA



Prepared by:
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FEMA Region 6 Weather Threat Briefing

Thursday, May 24, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- No significant weather expected

Friday

- Isolated severe storms possible over **OK**; damaging winds and hail are the main threats
- Elevated fire weather conditions possible in **W-Central NM**

Saturday - Monday

- Elevated fire weather conditions possible **Saturday** over **NW NM**
- An area of low pressure is expected to move into the central/eastern **Gulf** this weekend and towards the central **Gulf** coast **Sunday/Monday**
 - Regardless of development, areas of heavy rainfall/flash flooding will be possible beginning this weekend across the Central to East **Gulf Coast**, may be as far west as **SE LA**

Tropical Weather Outlook

- A surface low over the **SE Yucatan Peninsula** will gradually develop as it moves slowly into the central or eastern **Gulf of Mexico**; expected to become a subtropical or tropical depression late **Saturday**
 - Formation chances in 48 hours...medium...40 percent.
 - Formation chances in 5 days...high...80 percent.

FEMA Region 6 Threat Matrix

May 24, 2018 – May 28, 2018



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DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms		OK			
Heavy Rain / Flash Flooding				SE LA →	
Fire Weather		W-Central NM	NW NM		
Tropical Weather					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

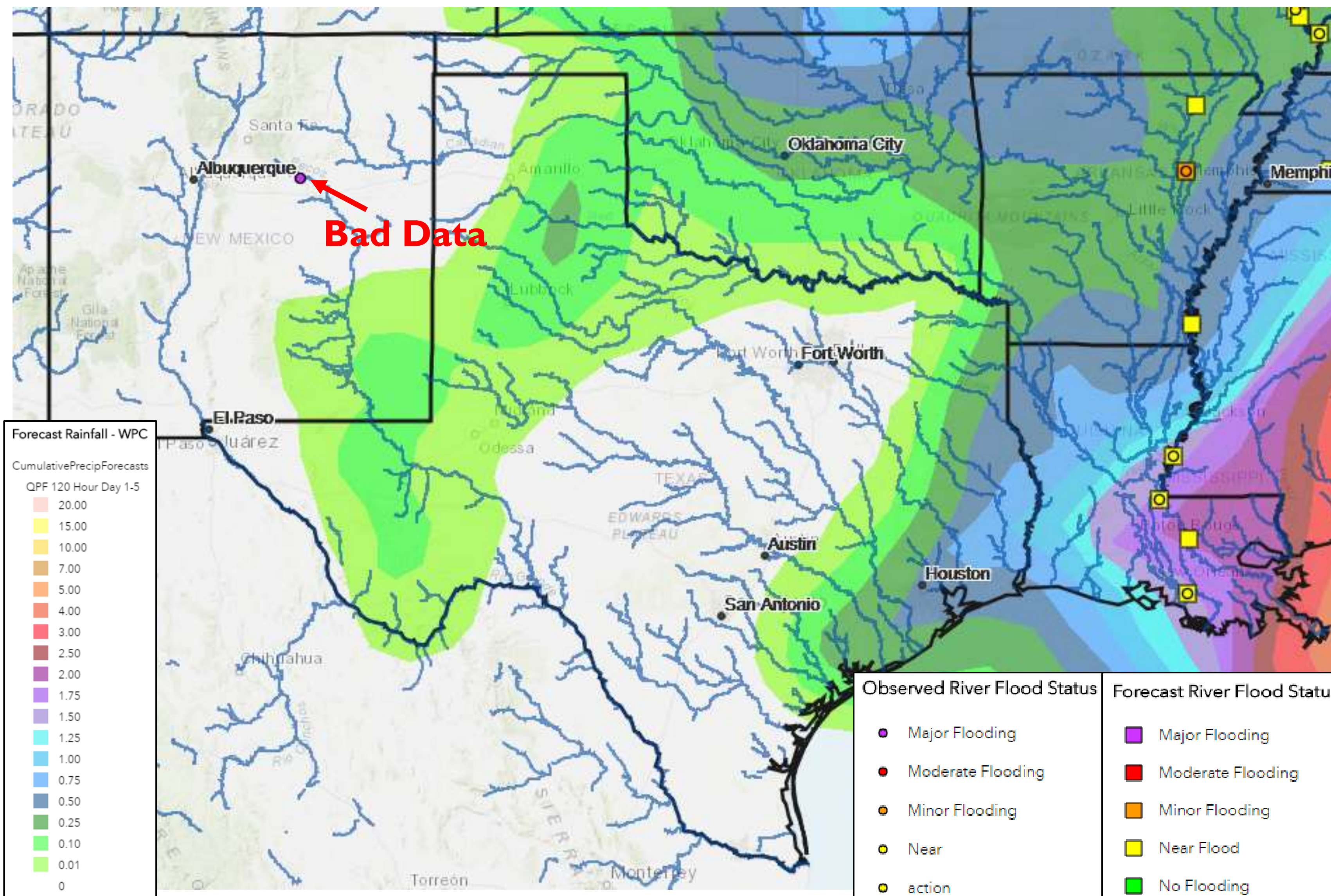
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



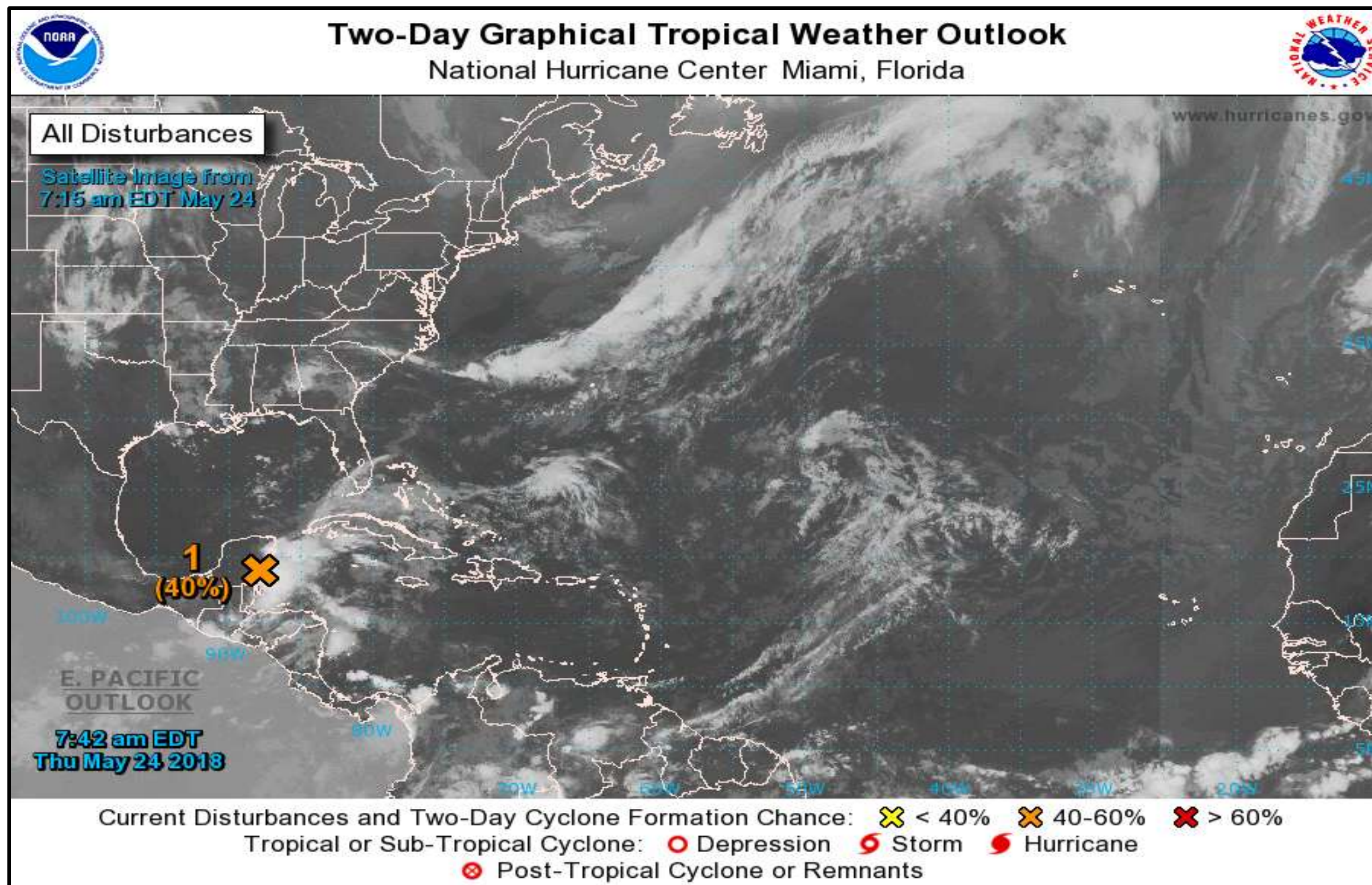
Minor flooding from planned releases continues on the Cache River in AR.

An area of low pressure is expected to move into central/eastern Gulf this weekend and will likely produce heavy rainfall somewhere along the central to eastern Gulf Coast this weekend into the first half of next week. While the forecast now keeps the heavier rainfall east of Region 6, some heavy rain may be possible in SE LA and this may lead to some isolated minor river flooding.

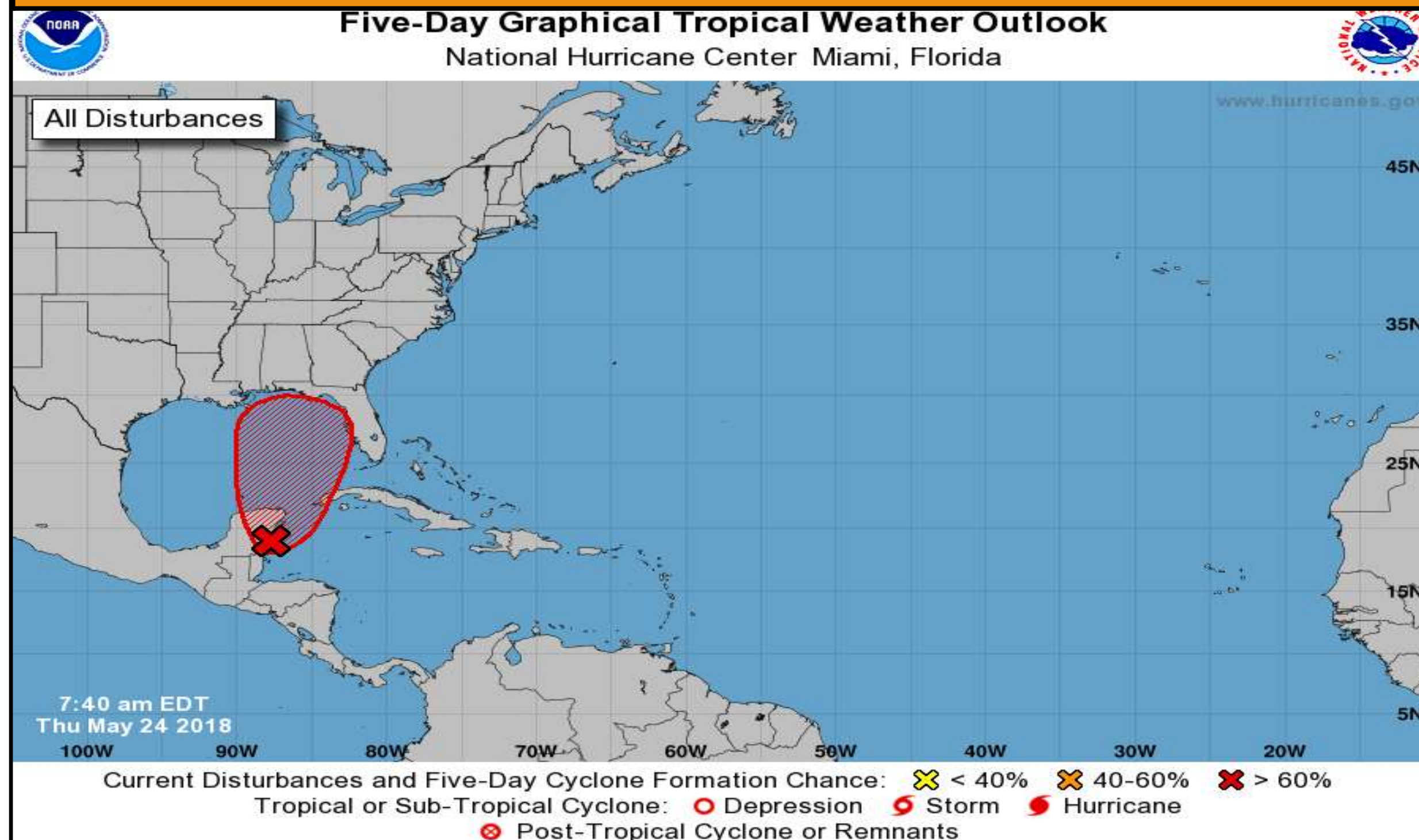
Tropical Weather Outlook



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A broad surface low over the SE Yucatan Peninsula has become better defined. Gradual development of this system is expected during the next couple of days as it drifts northward near the Yucatan Peninsula. Thereafter, conditions are forecast to become more favorable and a subtropical or tropical depression is likely to form by late Saturday over the SE Gulf of Mexico. Formation chance through 48 hours...medium...40 percent. Formation chance through 5 days...high...80 percent.



Potential impacts to FEMA Region 6:

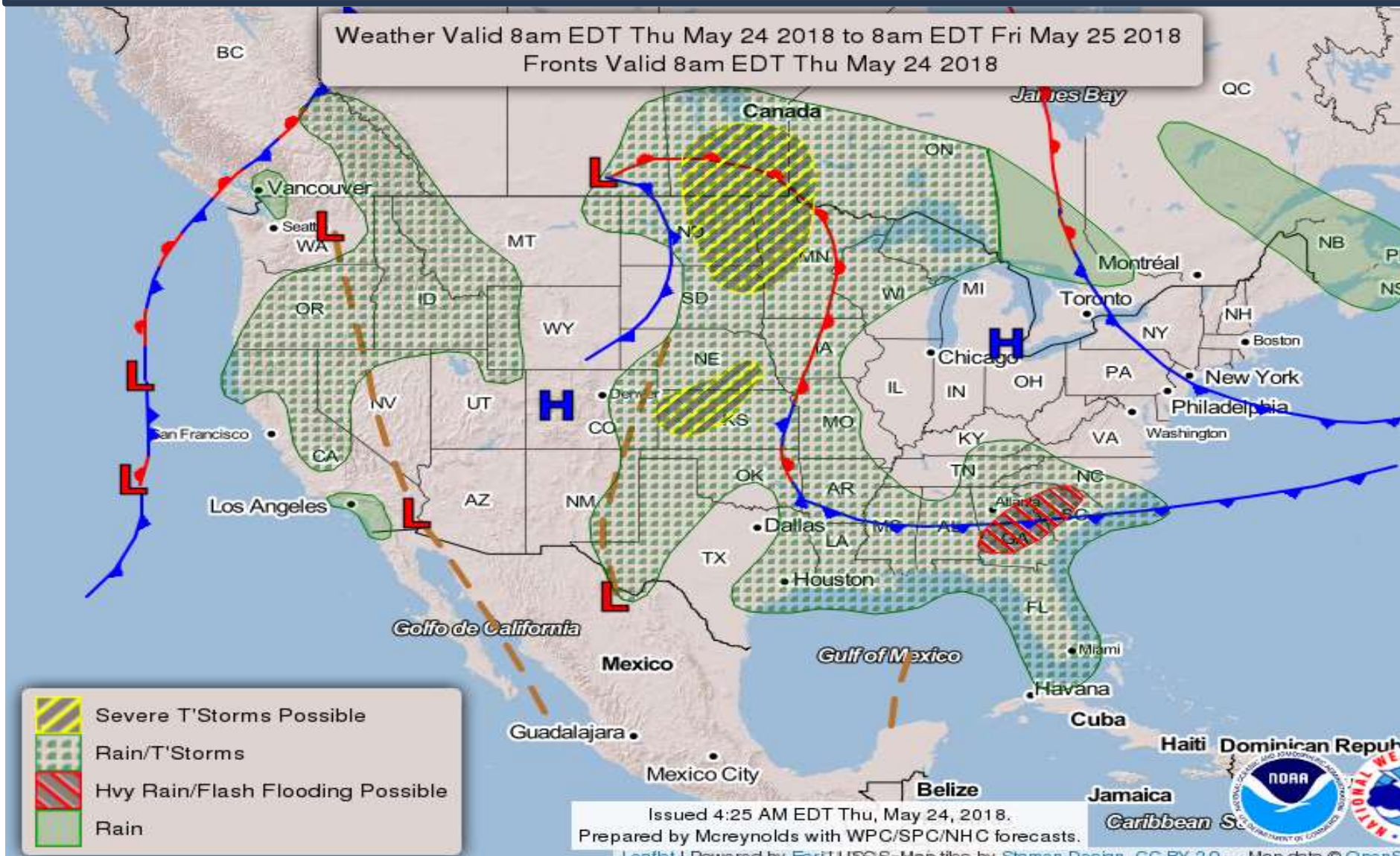
Regardless of development, locally heavy rainfall is possible over the central/eastern Gulf coast beginning this weekend. Right now, it appears that the heavier rain would be east of Region 6.

Today's Weather



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Forecast Chart

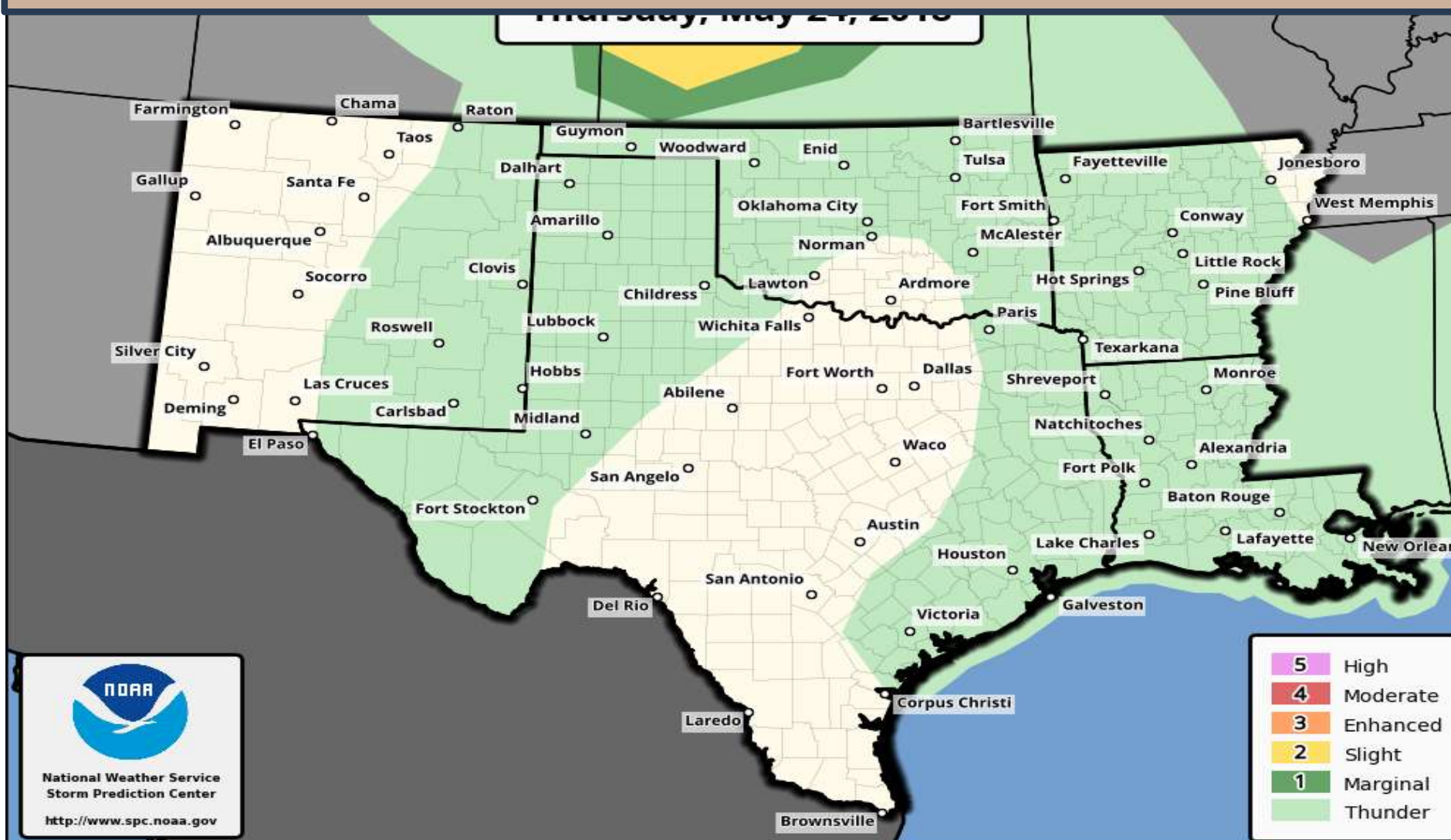


Forecast Rainfall



No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook

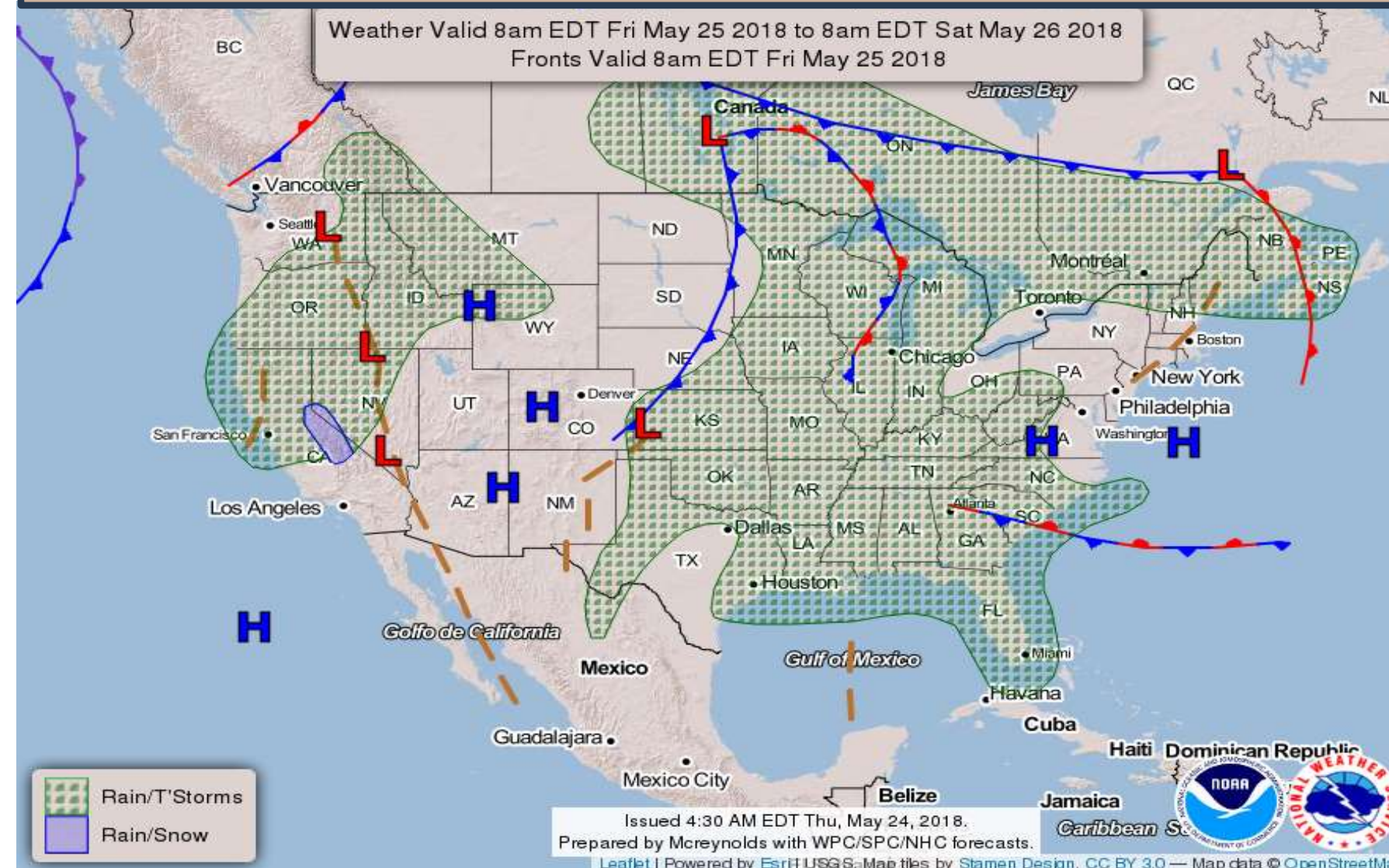


Tomorrow's Weather



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Forecast Chart

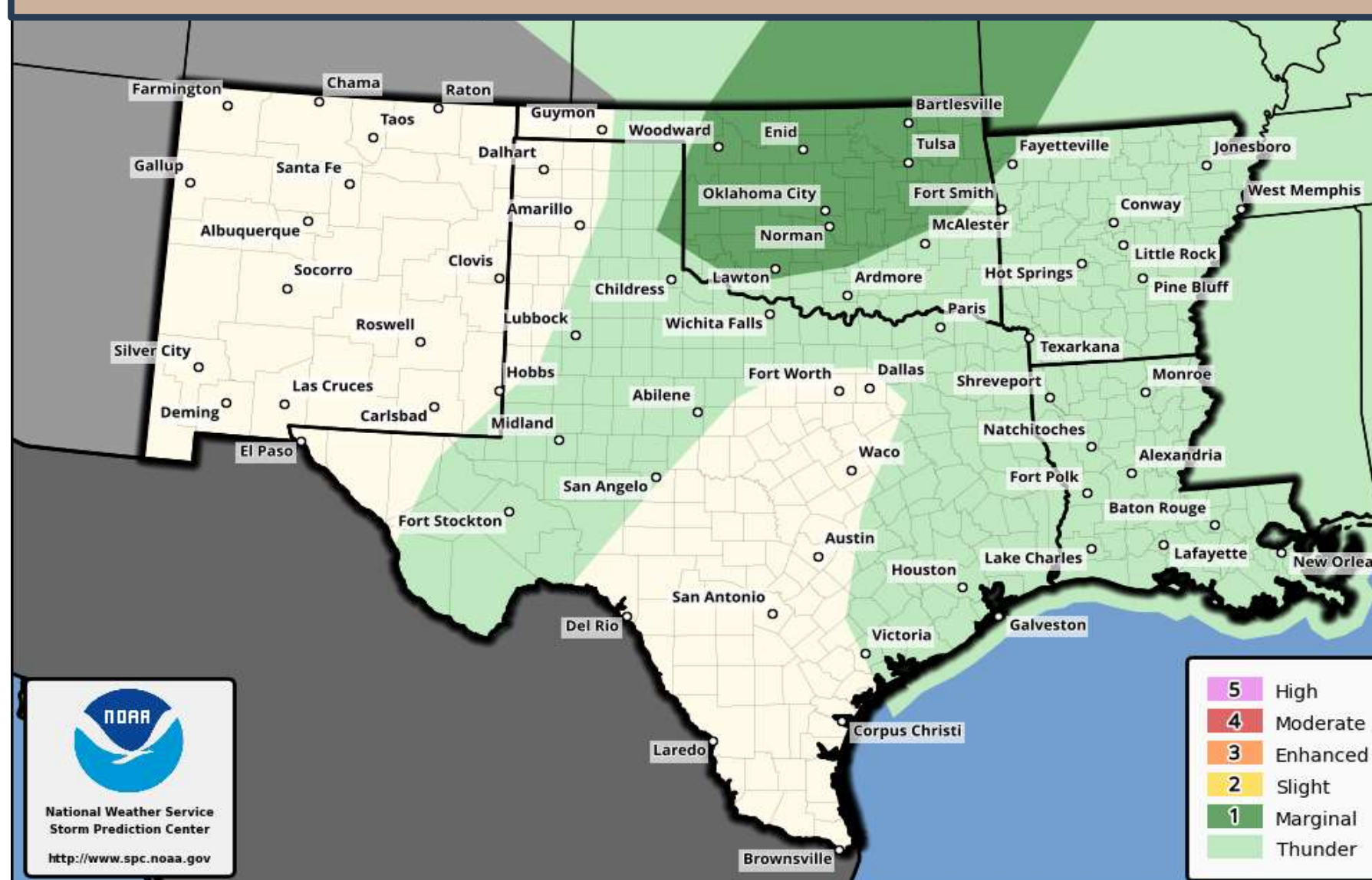


Forecast Rainfall



Isolated severe storms are possible over OK during the afternoon and evening. Damaging wind gusts and large hail are the primary threats.

Severe Weather Outlook



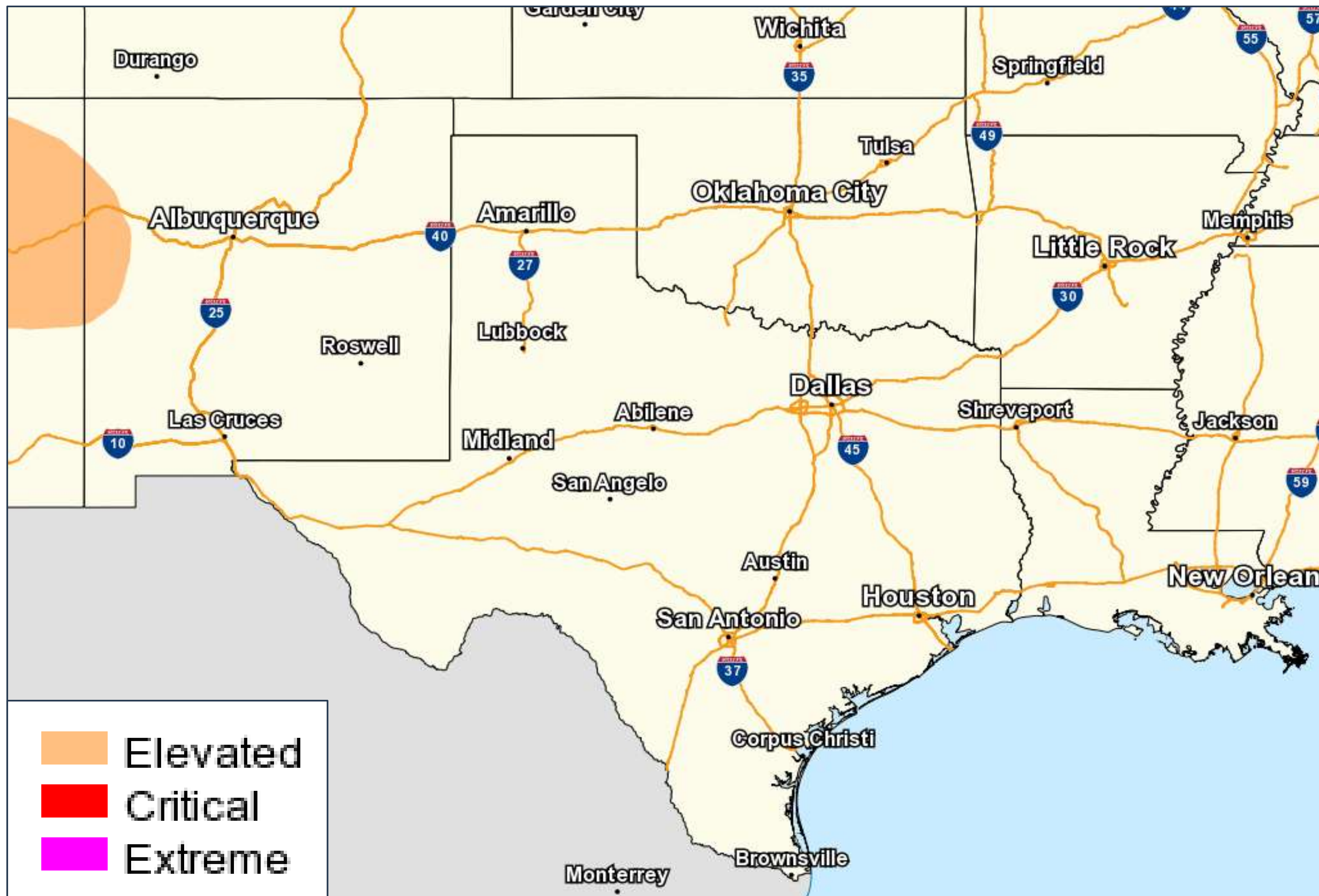
Excessive Rainfall Outlook



Tomorrow's Fire Weather Outlook



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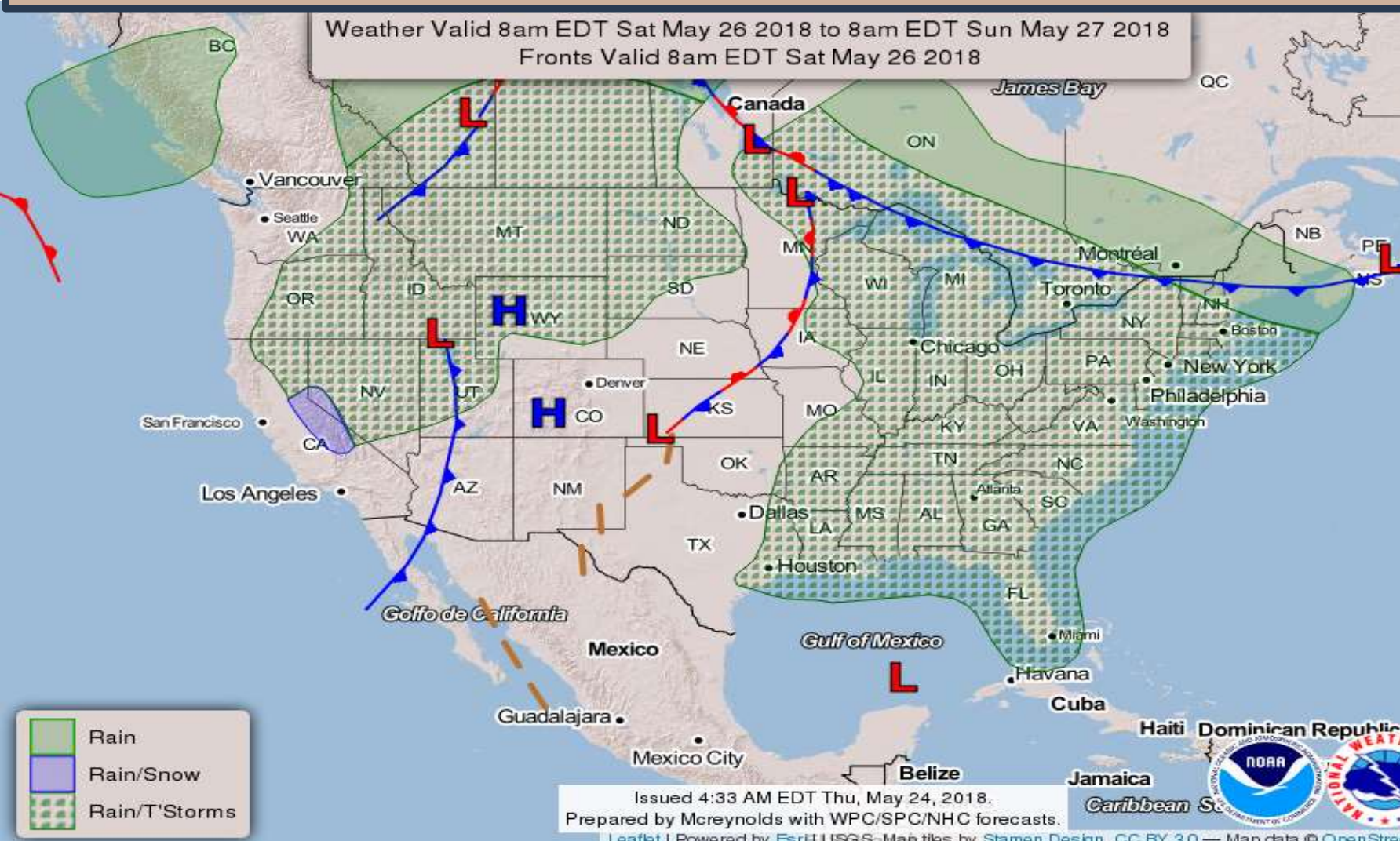
**Elevated fire weather conditions possible
in W-Central NM.**

Saturday's Weather

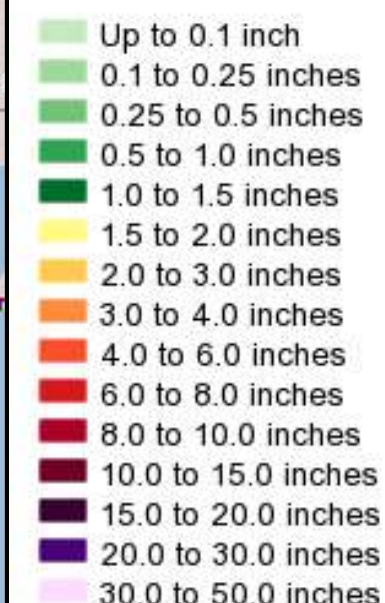


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Forecast Chart

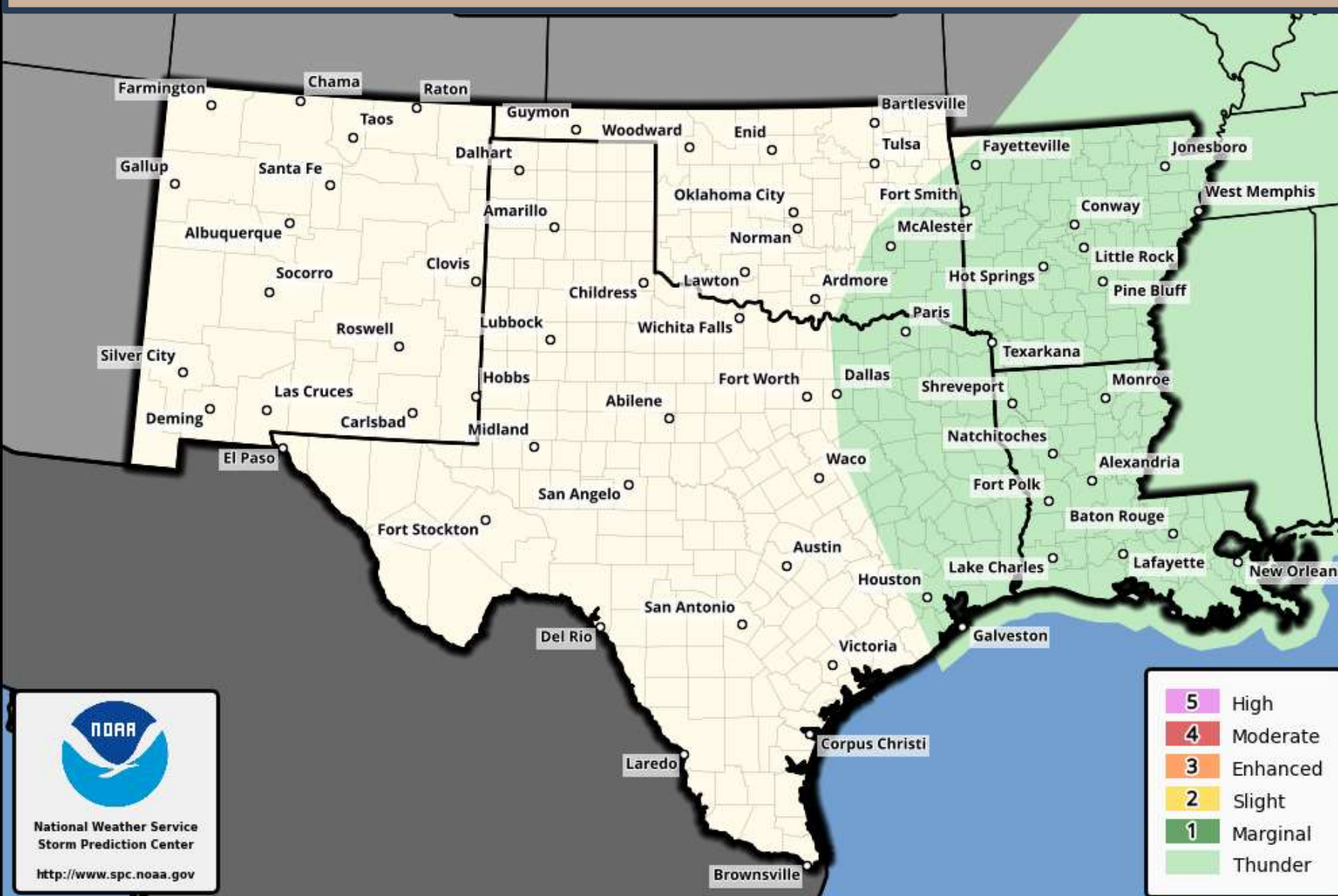


Forecast Rainfall



**Elevated fire weather
conditions possible in NW
NM.**

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Sunday - Monday



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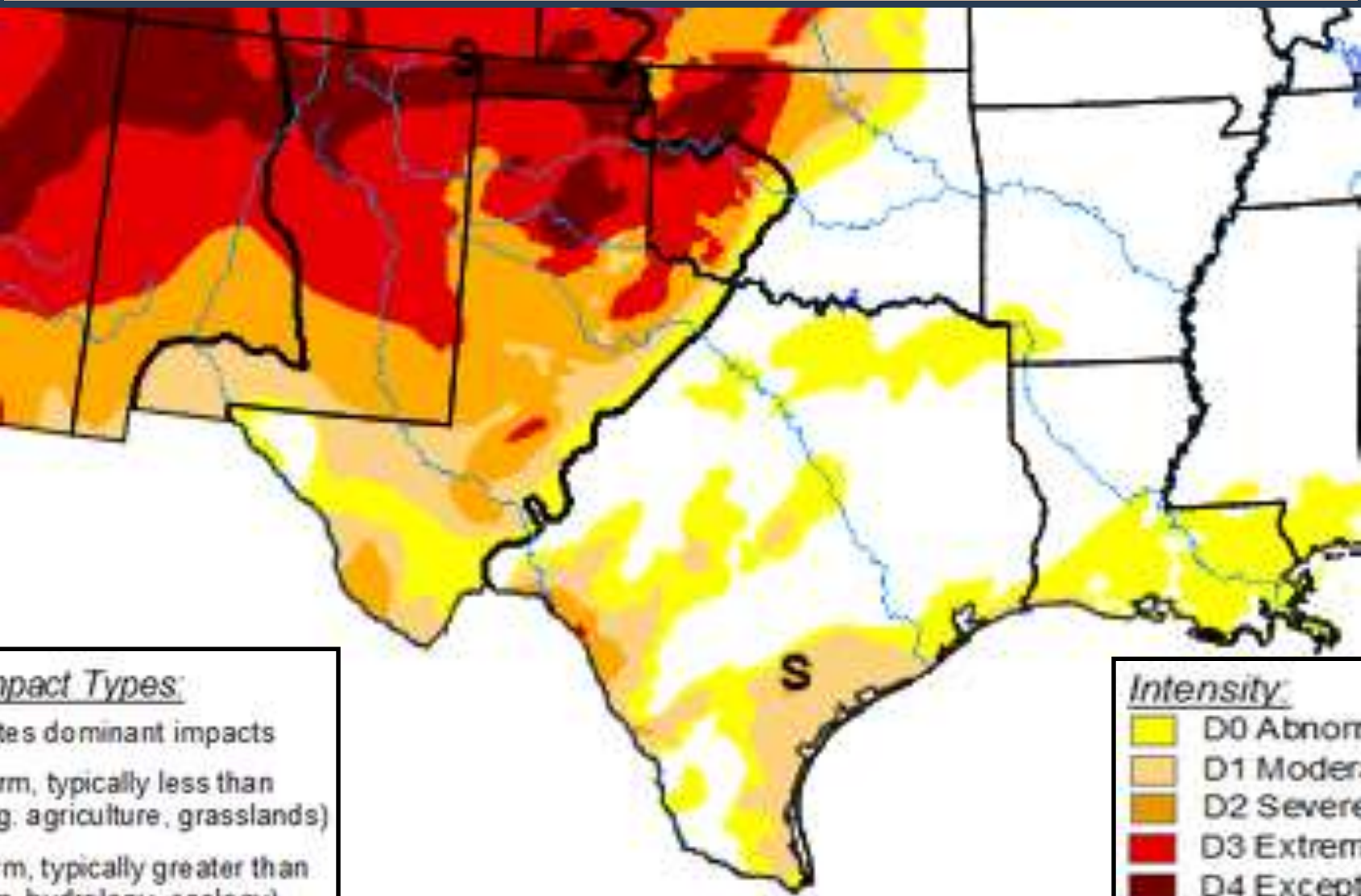
Drought Monitor (Released May 24th, 2018)



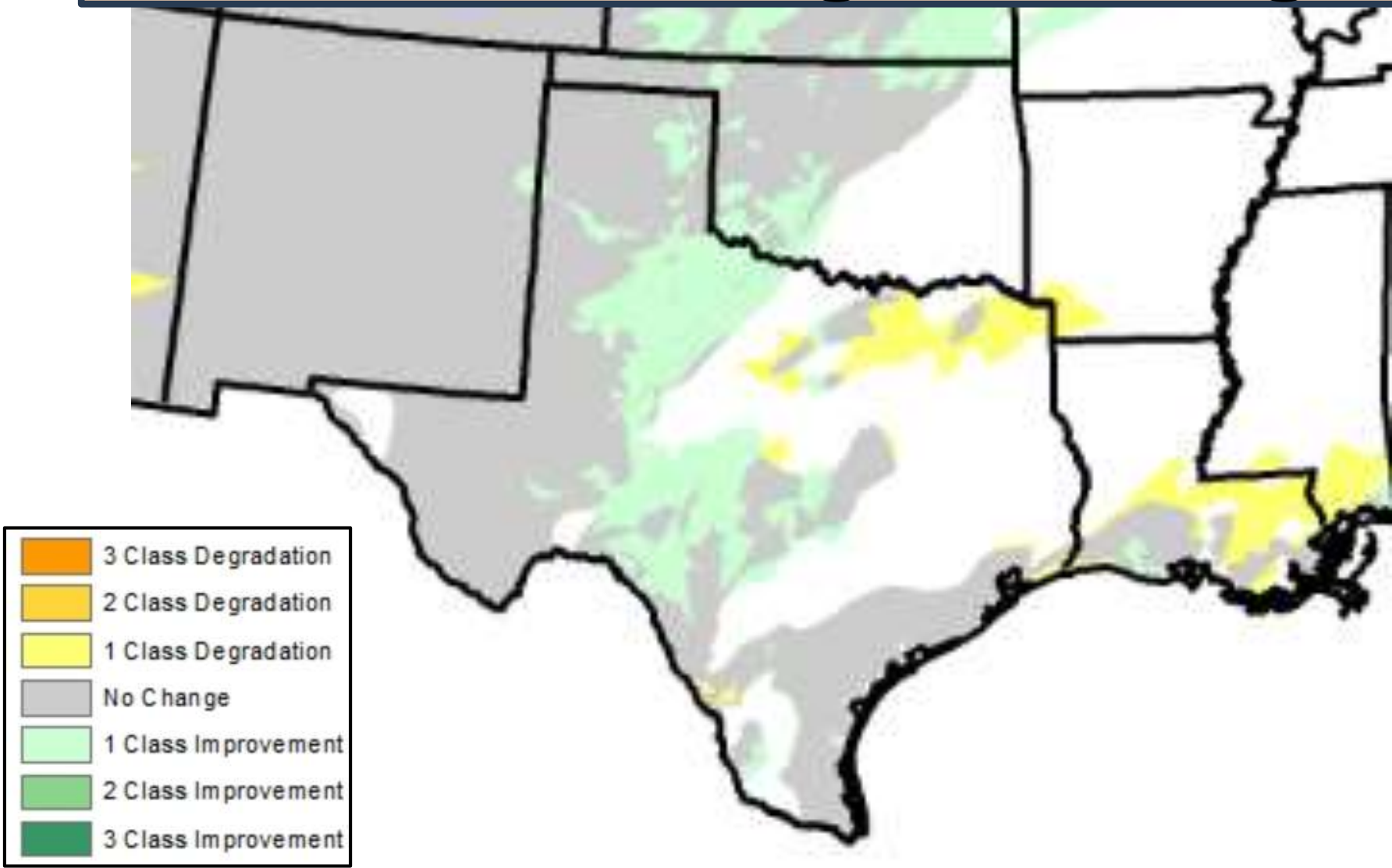
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Data valid as of 7am CDT, Tuesday, May 22nd, 2018

Drought Monitor



One Week Change in Drought



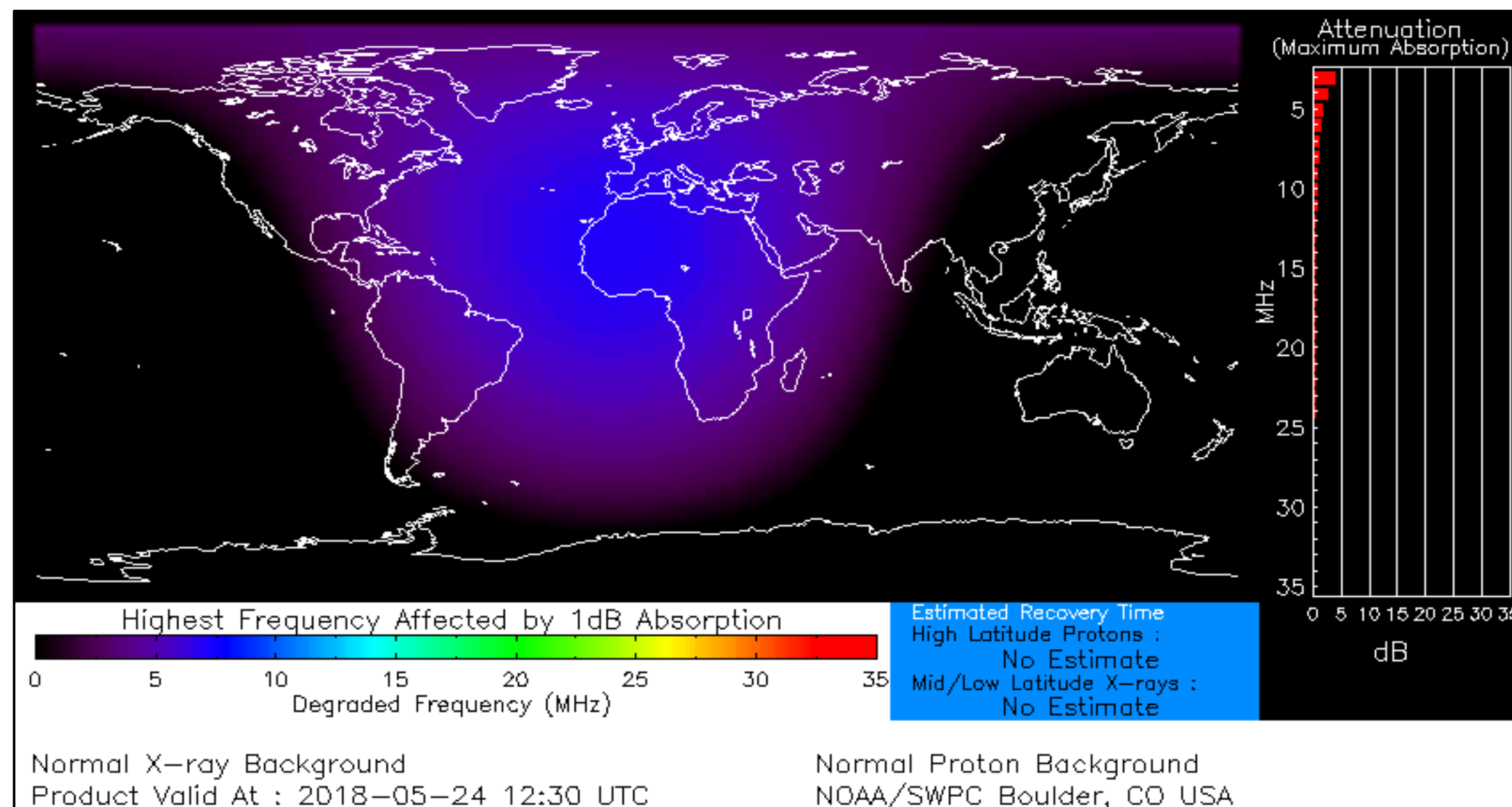
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	1.91%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	31.09%	34.36%	37.80%	0.00%
Texas	9.20%	12.98%	11.13%	0.00%
New Mexico	63.26%	63.58%	5.23%	0.00%

Space Weather 3-Day Forecast



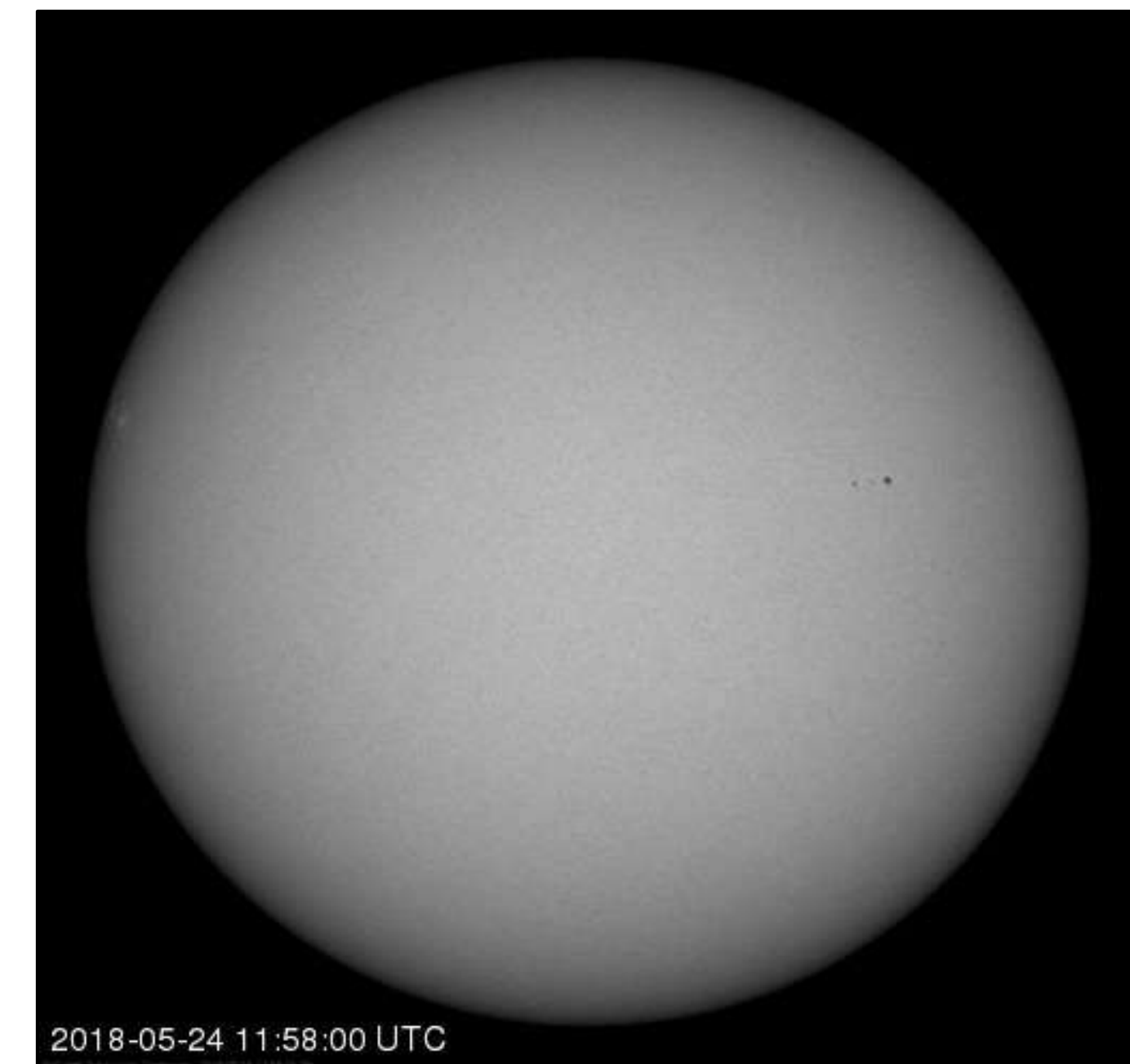
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	5%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov